



Compartment Review Presentation

Grayling Forest Management Unit

Compartment 72259

Entry Year 2018

Acreage: 989

County Crawford

Management Area: Camp Grayling

Revision Date: 2016-11-28

Stand Examiner: Patrick Mohney

Legal Description:

T27N R02W Sections 25, 26, Grayling Township, NE

Identified Planning Goals:

To provide an area that allows for National Guard training while maintaining forest health, productivity, sustainability, species diversification, and structural diversity throughout the compartment. In addition, to maintain a healthy habitat for the endangered species *Dendroica kirtlandii* (Kirtland's warbler), taking into account warbler management plan directives, species diversification, and visual management.

Soil and topography:

Grayling and Graycalm-Klacking sand and a small area of Lupton-Tawas and Leafriver muck in the southeast corner of the compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

The compartment is comprised of a mixture of Military Board lands and private property. This compartment is under the 1935 long-term lease agreement L-1479 (Act 254 P. A. 1935) with the Michigan National Guard, Department of Military and Veterans Affairs. The agreement provides for the use by the military during encampment, with no permanent buildings or improvements to be erected. On Military Board lands, military training has precedence over resource management activities. The DNR will coordinate all prescribed activities with the National Guard to ensure they are compatible with military training needs. The United State Fish and Wildlife Service owns the SWSE of section 26. Some residential development is occurring on the private property. There is a 2.0 acre (242 feet X 360 feet) parcel of private property in the SWSW NWSW of section 26. A small cabin along Wakeley Bridge Road is located on this property.

Unique Natural Features:

The endangered species *Dendroica kirtlandii* (Kirtland's warbler) occupies some of the compartment.

Archeological, Historical, and Cultural Features:

(include only non-site specific and non-sensitive information): There is a historical occupation site just north of the compartment in section 26.

Special Management Designations or Considerations:

Treatments and access into much of the area may be limited during National Guard training exercises for much of the year.

Watershed and Fisheries Considerations:

The headwaters of Beaver Creek are in the southeast corner of the compartment. There is a small pond that has formed from an active beaver dam.

Wildlife Habitat Considerations:

The area is section 25 that is south and east of North Down River Road is managed for the endangered species *Dendroica kirtlandii* (Kirtland's warbler) except for the swamp in the southeast corner of section 25.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Marshall Sandstone. The Marshall was previously used as a building stone. A gravel pit is located one mile to the northwest and potential is good. The Compartment is located two miles west of Conner's Marsh Field. The field has produced over 20 Bcf gas from the Ordovician Prairie du Chien. There are no oil and gas leases in this compartment, as it is in the Military Affairs area.

Vehicle Access:

The certified County Roads in the compartment are Wakeley Bridge Road, Artillery Trail, Goss Parkway, North Down River Road, Ketchum Truck Trail and Dyer Truck Trail. The National Guard has five gates in place in or near the compartment to

deny vehicle access during training exercises. These gates are along the north edge of the compartment. No existing roads need to be blocked at this time. No new roads need to be constructed in the compartment at this time. All new roads created through management activities are to be closed upon completion.

Survey Needs:

No survey needs are anticipated at this time.

Recreational Facilities and Opportunities:

There are no designated recreational facilities or any anticipated opportunities in the compartment because of National Guard training. Dispersed recreation occurs throughout the compartment.

Fire Protection:

The area in section 25 that is south and east of North Down River Road is managed for the endangered species *Dendroica kirtlandii* (Kirtland's warbler), except for the swamp in the southeast corner of section 25. This is currently J3 (young jack pine) and has the potential for devastating fires. Most of the compartment (except a small portion in the northwest corner of section 26) was part of the Stephan Bridge Road Fire on May 08, 1990. The area can be accessed via Wakeley Bridge Road, Artillery Trail, Goss Parkway, North Down River Road, Ketchum Truck Trail and Dyer Truck Trail. Suppression activities need to be coordinated with the National Guard for access during their training activities.

Additional Compartment Information:

The following reports from the Inventory are attached:

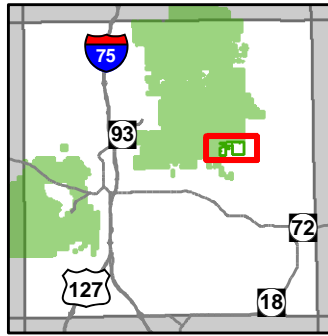
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

The following information is displayed, where pertinent, on the attached compartment maps:

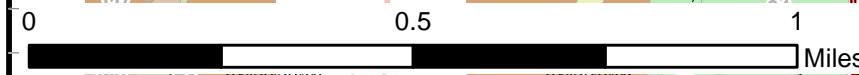
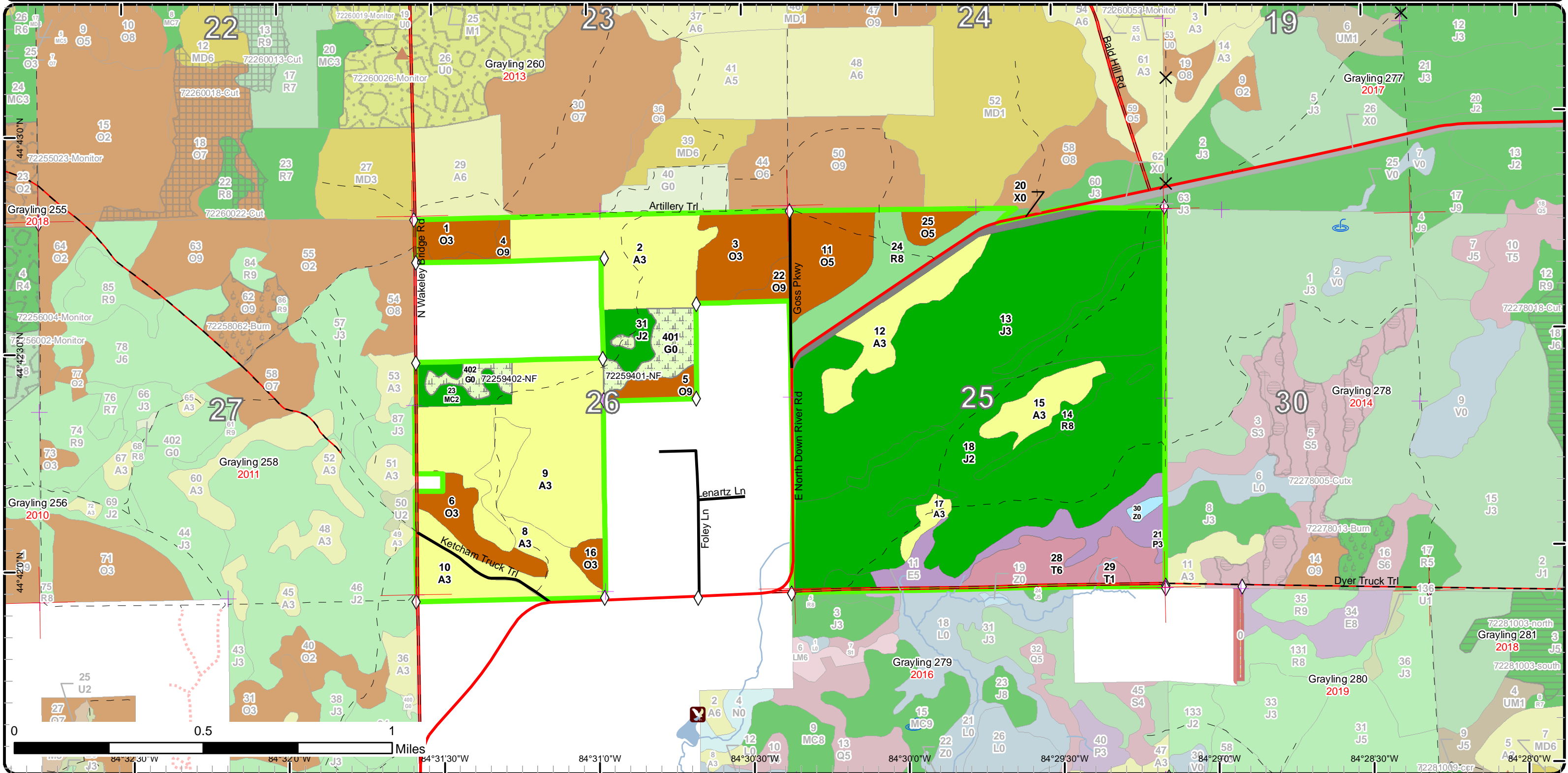
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 259
 T27N, R02W, Sec: 25-26
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2018
 Acres: 989 GIS Calculated
 Examiner: Patrick Mohney
 Map Revised: 3/9/2017
 Map Phase: Post-Review



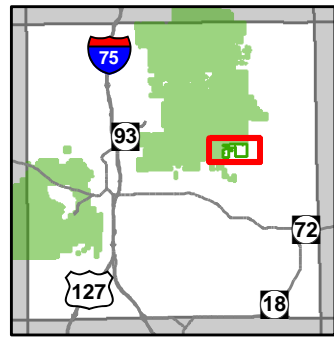
- Miris Corners
- + Remonumented Section Corners
- Field Grade GPS Corners
- X Gate
- ▲ Berms
- ▶ OFS Habitat
- ♻️ OFS Hydro
- County Paved Roads
- Paved Roads
- County Gravel Roads
- - - County Poor Dirt Roads
- - - Poor Dirt Roads
- - - Closed
- Streams
- Lakes and Rivers All
- Compartment Boundary
- Other Treatment - See Comments
- 412 - Oak Types
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- Lakes



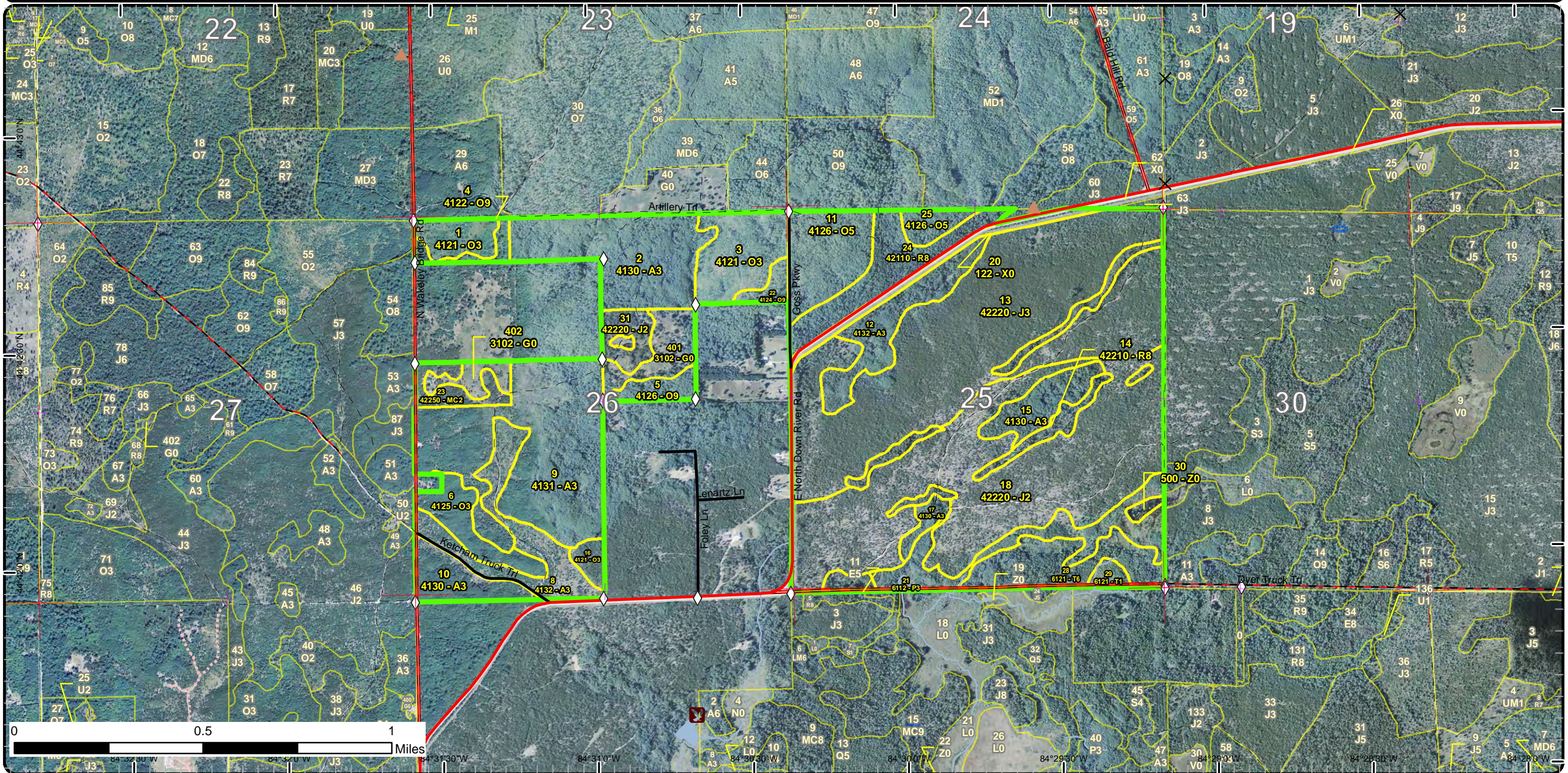
84°32'30"W 84°32'0"W 84°31'30"W 84°31'0"W 84°30'30"W 84°30'0"W 84°29'30"W 84°29'0"W 84°28'30"W 84°28'0"W

Stand Boundary Map

Compartment: 259
 T27N, R02W, Sec: 25-26
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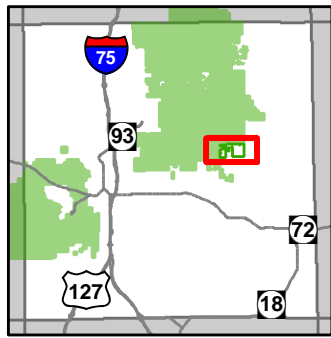


- Miris Corners
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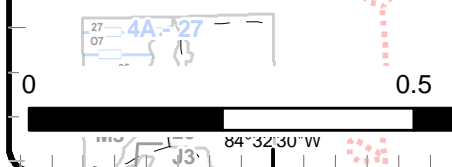
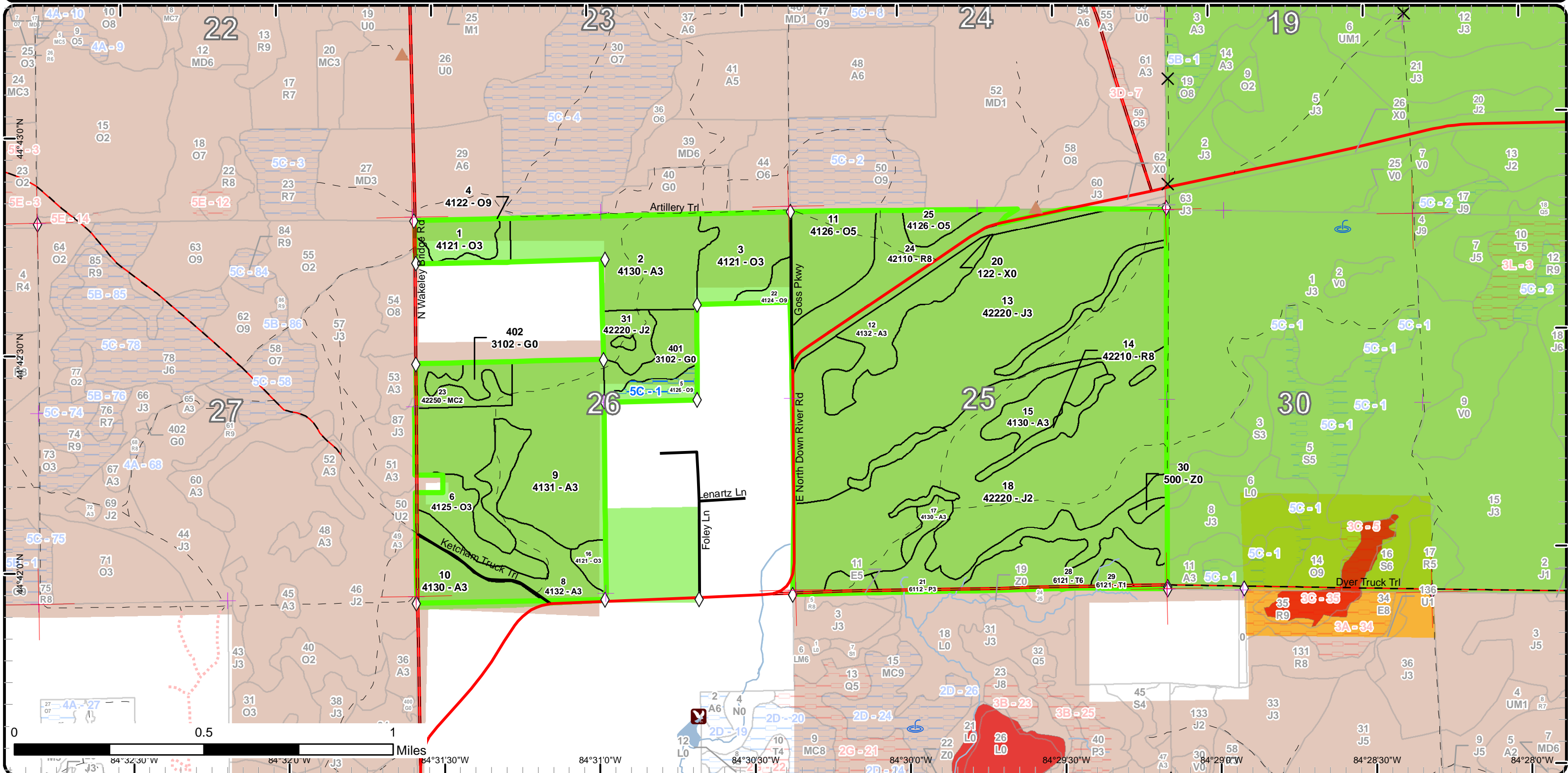


Special Conservation Areas & Site Conditions Map

Compartment: 259
 T27N, R02W, Sec: 25-26
 County: Crawford
 Unit: Grayling
 Mgmt Area: Camp Grayling
 YOE: 2018
 Acres: 989 GIS Calculated
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- - County Poor Dirt Roads
- - Poor Dirt Roads
- ⋯ Closed
- Streams
- ▭ Lakes and Rivers All
- ▭ Compartment Boundary
- ▭ Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- ▭ Stand Boundaries
- ▭ Ecological Reference Areas
- ▭ Kirtland Warbler Habitat
- ▭ Cold Water Streams
- ▭ Cold Water Lakes
- ▭ Non-Dedicated Natural Areas and National Natural Landmarks
- ▭ Research, Development, and Military Lands
- ▭ Possible Type 1 Old Growth



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	271	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271
Herbaceous Openland	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Jack Pine	0	0	0	408	0	0	0	0	0	0	0	0	0	0	0	0	0	0	408
Lowland Aspen/Balsam Poplar	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Natural Mixed Pines	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Oak	0	43	0	24	0	0	0	0	33	0	17	11	0	0	0	0	0	0	127
Red Pine	0	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0	61
Tamarack	0	0	0	0	4	0	0	33	0	0	0	0	0	0	0	0	0	0	37
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	40	43	0	748	4	0	0	33	94	0	17	11	0	0	0	0	0	0	989



Report 2 – Treatment Summary

Grayling Mgt. Unit

Year of Entry: 2018

Compartment 259

Total Compartment Acres: 989

Acres of Harvest

Commercial Harvest -
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	0	0	0	0	0	0	0	0	26	26
Total	0	0	0	0	0	0	0	0	26	26



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
401	72259401-NF	18.4	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, no-till prairie grass seeding, mowing, Specs: brushing, burning, herbicide application, and planting of mast producing tree and shrubs along opening edges.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

402	72259402-NF	7.9	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Periodic opening maintenance, as needed, that may include disking, fertilizing, liming, food plot seeding, no-till prairie grass seeding, mowing, Specs: brushing, burning, herbicide application, and planting of mast producing tree and shrubs along opening edges.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

Total Treatment Acreage Proposed: 26.3

Report 4 – Site Conditions

Grayling Mgt. Unit
Patrick Mohney : Examiner

Compartment: 259
Year of Entry: 2018

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

5C

271	271	0	0	Aspen	
26	26	0	0	Herbaceous Openland	
407	407	0	0	Jack Pine	
34	34	0	0	Lowland Aspen/Balsam Poplar	
11	11	0	0	Natural Mixed Pines	
128	119	8	0	Oak	8
61	61	0	0	Red Pine	
37	37	0	0	Tamarack	
12	12	0	0	Urban	
2	2	0	0	Water	
989	981	8		Total Forested Acres	8
	99%	1%	0%	Relative Percent	

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available		5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
	Potential Old Growth		SCA Removal	461
Comments In KW SCA				

**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
SCA	Research and Military Areas	These areas provide facilities and lands specifically dedicated for research, or other purposes. They include the 5,847 acre Forest Fire Experiment Station, the 12,000 acre Houghton Lake Wildlife Research Area, the Beaver Islands Archipelago Wildlife Research Area (that includes most of Garden Island, all of High and Hog Islands, all state owned land on Beaver, South Fox and North Fox Islands), the Cusino Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research Station, the 125 acre Wyman Nursery, and over 144,000 acres of Military Lands.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.
HCVA	Legally dedicated Natural Areas, Wilderness or Wild Areas	The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4121 - Oak, Aspen	Sapling Well	13.0	6	Immature	Stand was harvested under contract 72-626-08-01, harvested in 2010 and sale was closed in 2012 after the producer turned the sale back.
2	4130 - Aspen	Sapling Well	59.8	26	1-50	The stand was part of the Stephan Bridge Road Fire on May 08, 1990. very dense stand in parts. Aspen seems to be decent quality. Oak is mixed throughout. Approaching merchantability. Do nothing.
3	4121 - Oak, Aspen	Sapling Well	30.4	6	Immature	Stand was harvested under contract 72-626-08-01, harvested in 2010 and sale was closed in 2012 after the producer turned the sale back. Regen survey passed. Do nothing. OPIC - FMD: Delayed removal treatment. Cut all stems greater than 5 inches. Do not cut oak smaller than 5 inches. Protect the oak regeneration. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
4	4122 - Oak, Pine	Sawtimber Well	5.5	107	81-110	Portion of stand left following the harvest, unclear whether this was left for long term retention or just visual management along road and pvt line.
5	4126 - White, Black, N. Pin Oak	Sawtimber Well	8.5	97	81-110	Fair quality oak stand. Some hilly terrain. Stand originally said there was no access. Stand is accessible from the north. There are several 2 track roads that will take you to the stand. OPIC - FMD: The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm Field eval in Feb 2008 revealed very difficult to access stand- would need to build lots of new road across adj aspen clegen to treat only 8 acres. Best option is to try to get adj private permission to go in off Foley road- suspect that will be difficult after looking at houses and posting of signs in area. SJT
6	4125 - Black, N. Pin Oak	Sapling Well	18.2	26	Immature	This stand was involved in the Stephan bridge road fire. it was restarted in 1990. Stand is mostly made up of oak, some random jack pine throughout. the adjacent stands tend to have more aspen mixed in them. OPIC - FMD: There is a small (2 acres: 242 feet X 360 feet) parcel of private property on the east side of Wakely Bridge Road) in the very SWSW of the NWSW of section 26. There is a small cabin on the private property. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
8	4132 - Aspen, Jack Pine	Sapling Well	35.2	27	Immature	The stand was part of the Stephan Bridge Road Fire on May 08, 1990. All of these stands could probably be considered one large stand until they define themselves more through stand development. Oak is doing well, aspen is doing well. Do nothing at this time.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
9	4131 - Aspen, Oak	Sapling Well	104.3	26	Immature	Stand was re-started in 1990 by the Stephan bridge road fire. It is starting to develop into what type of stand it will be in the future. It is still very mixed and will be able to be divided up more in the future. Quality is decent, fully stocked. Do nothing. OPIC - FMD: There is a small (2 acres: 242 feet X 360 feet) parcel of private property on the east side of Wakely Bridge Road) in the very SWSW of the NWSW of section 26. There is a small cabin on the private property. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
10	4130 - Aspen	Sapling Well	18.5	27	Immature	Stand is mostly aspen. decent quality. oak is doing well too, filling in throughout the stand. All of the stands in this area are very similar and could actually probably all be considered the same stand until they define themselves a little better. Do nothing. OPIC - FMD: The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
11	4126 - White, Black, N. Pin Oak	Poletimber Medium	32.8	79	51-80	Stand was treated recently. there were more smaller diameter stems left in some areas more than others. Stand density seems to vary a bit, but overall it is a minor component. Do nothing. Stand harvested under contract 72-609-12-01. OPIC - FMD: Thin oak; remove aspen and red maple; protect red pine (large and small) and any obvious den trees. There are pockets of good small red pine in the stand. 03/23/2006 mm
12	4132 - Aspen, Jack Pine	Sapling Well	29.3	26	Immature	Stand is a pretty even mix of aspen and jack pine. it was called a J3 last time, but the aspen has really taken a hold in the stand. Aspen is well over top of the jack pine. Do nothing. OPIC - FMD: (PART OF STAND IS SCHEDULED FOR KW HABITAT 1994 AND 2004. Old comment.) Stand condition 8. Kirtland's warbler habitat management. The stand was part of the Stephan Bridge Road Fire on May 08, 1990.
13	42220 - Natural Jack Pine	Sapling Well	213.6	27	Immature	Stand was involved in Stephan bridge fire and was restarted. There is varying density throughout stand. It is part of the KW block. Do nothing. OPIC - FMD: (KW HABITAT 2004. Old comment.) Stand condition 8. Kirtland's warbler habitat management. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
14	42210 - Natural Red Pine	Sawtimber Medium	29.2	79	51-80	This is made up of a number of small stands that are all included as a multi part polygon. It is a bunch of long skinny stands of Red Pine that were left from the Stephan Bridge Rd. Fire in 1990 and not salvaged. They provide a nice component of RP to the JP stand breaking up the skyline. Do Nothing. OPIC - FMD: (KW HABITAT SCHEDULED CUT 2004. Old comment.) Stand condition 8. Kirtland's warbler habitat management. This area is a stand of red pine that was in a horizontal roll vortex from the Stephan Bridge Road Fire of 1990.. This area was not salvaged after the fire. The stand has variable basal area. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
15	4130 - Aspen	Sapling Well	18.6	27	Immature	Aspen regen. Decent quality. some oak mixed in throughout. Do nothing at this time. OPIC - FMD: (KW HABITAT CUT 2004. Old comment.) Stand condition 8. Kirtland's warbler habitat management. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
16	4121 - Oak, Aspen	Sapling Well	5.6	27	Immature	The stand was part of the Stephan Bridge Road Fire on May 08, 1990. Stand has filled in nicely and oak is doing well. Do nothing.
17	4130 - Aspen	Sapling Well	5.5	27	Immature	Stand was originally typed out as a J3, but it is definitely an aspen stand. It was involved in the Stephan bridge road fire in 1990 and stand was replaced by aspen. Good access to stand. Lots of woodcock observed in the stand. Do nothing. OPIC - FMD: (KW HABITAT 2004. Old comment.) Stand condition 8. Kirtland's warbler habitat management. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
18	42220 - Natural Jack Pine	Sapling Medium	182.5	27	Immature	Fire origin JP. lots of open space between JP clumps. Lots of yard waste and dumping of debris from the locals. Do nothing at this time. OPIC - FMD: (KW HABITAT 2004. Old comment.) Stand condition 8. Kirtland's warbler habitat management. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
21	6112 - Lowland Aspen	Sapling Well	33.5	27	Immature	Aspen quality is fair, nothing outstanding. This stand gets very wet in spots. There are some hummocks that are high and dry. The stand is approaching pole sized in spots. Do nothing. OPIC - FMD: The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
22	4124 - Red with White Oak	Sawtimber Well	5.5	107	1-50	Stand was harvested under contract 72-626-08-01, harvested in 2010 and sale was closed in 2012 after the producer turned the sale back. Do nothing. OPIC - FMD: The stand was part of the Stephan Bridge Road Fire on May 08, 1990. The management objective is oak but will accept any combination of oak, aspen, red maple that will provide for sufficient stocking to meet the regeneration needs of the stand. If the stocking level is determined to be insufficient in the stand (or parts of the stand), the stand (or parts of the stand) will be artificially regenerated to red pine. 03/23/2006 mm
23	42250 - Pine, Oak	Sapling Medium	10.9	26	Immature	Stand was restarted in 1990 Stephan bridge road fire. It has filled in nicely with jack pine and oak. Not quite fully stocked, but the JP is filling in the gaps slowly. Do nothing. OPIC - FMD: This stand was previously part of stand #402 (G). It is filling in with jack pine. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm

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Grayling Mgt. Unit

Report 7 – Forested Stands

Compartment: 259

Year of Entry: 2018



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
24	42110 - Planted Red Pine	Sawtimber Medium	31.7	77	51-80	Stand treated under contract 72-609-12-01. no understory coming in yet. Not enough time to tell if the stand has responded to the thinning yet. OPIC - FMD: Cut all species but red pine (mark to leave a small basal area of hardwood for stand diversification). In areas of high basal area of red pine cut some red pine to reduce the basal area and provide room to harvest the sale. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/27/2006 mm
25	4126 - White, Black, N. Pin Oak	Poletimber Medium	8.2	91	51-80	Stand harvested under contract 72-609-12-01. OPIC - FMD: Thin oak; remove aspen and red maple; protect red pine (large and small) and any obvious den trees. There are pockets of good small red pine in the stand. The stand was part of the Stephan Bridge Road Fire on May 08, 1990. 03/23/2006 mm
28	6121 - Tamarack	Poletimber Well	33.1	65	51-80	Large amount of Tamarack in this stand. Decent quality, stand is very wet in spots. Do nothing at this time just approaching merchantable size. OPIC - FMD: The stand is located along Dyer Truck Trail. 03/27/2006 mm
29	6121 - Tamarack	Sapling Poor	4.0	39	1-50	It appears that nearly all other species have died out in this stand due to a high water table. The tamarack seems to be doing fairly well. I did the best that I could to age these trees, the rings were very difficult to read. Do nothing at this time. OPIC - FMD: The stand is very wet. 03/27/2006 mm
31	42220 - Natural Jack Pine	Sapling Medium	11.3	26	Immature	Stand was part of the Stephan bridge road fire in 1990. Jack pine is filling in. Some open areas, which causes the jack pine to be short and bushy. Do nothing. OPIC - FMD: Jack pine is filling in an old grassy opening. 03/29/2006 mm



Stand	Cover Type	Acres	Managed Site	General Comments:
20	122 - Road/Parking Lot	11.9	No	Stand is a road and rite of way.
30	500 - Water	2.3	No	OPIC - FMD: Small pond. 03/27/2006 mm
401	3102 - Grass	18.4	No	This stand is mostly open grassy area. there are multiple clumps of scattered trees throughout the stand. Do nothing.
402	3102 - Grass	7.9	No	Stand was involved in the Stephan bridge road fire, 1990. Grass and some scattered jack pine throughout the stand. Do nothing. OPIC - FMD: This stand was previously stand #007. 03/23/2006 mm